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Perkins, Arthur Jeffery

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RESUME OF ARTHUR JEFFERY PERKINS

Jeff Perkins was born in Yardley, Pennsylvania, on 6 December 1942. He attended Drexel Institute of Technology in Philadelphia as a cooperative education student, receiving a B. S. in Metallurgical Engineering in June 1965.

Graduate study followed at Case Institute of Technology in Cleveland where he received an M. S. in Metallurgy in 1967 and a Ph. D. in 1969. His research concentrated on electron microscopic studies of phase transformations and lattice instability in transition metal alloys, under the direction of Professor R. F. Hehemann.



This was followed by two years (1969-71) of postdoctoral study at Mellon Institute of Science of Carnegie-Mellon University where, with the guidance of Professor T. B. Massalski, Head of the Metal Physics Group, he did research on phase transformation mechanisms and kinetics. During the summer of 1970 he was a Visiting Research Scientist with the Plutonium Metallurgy Division of Lawrence Livermore Laboratory, working on plutonium alloy development. In April 1971 he accepted a position as Metallurgy Section Leader at the ESB (Electric Storage Battery) Inc. Research Center, Yardley, Pa., where he was responsible for Pb, Mg, and Zn alloy development for storage battery applications.

For the academic year 1971-72 he accepted a position as Assistant Professor of Metallurgical Engineering and Materials Science at Youngstown (Ohio) State University.

In July 1972 he joined the faculty of the Naval Postgraduate School, Monterey, California, where he is teaching in the Department of Mechanical Engineering.

He is a member of the American Society for Metals, The Metallurgical Society (TMS) of AIME, the Physical Metallurgy Committee of the Institute of Metals Division (IMD) of (TMS), ASEE, AAUP, Sigma Xi, and Alpha Sigma Mu.

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